RESPONSE TO NONFINAL REJECTION DATED AUGUST 22, 2007

To: Commissioner of Patents

From: Michael Smith

Reg. 45,368

Ivey, Smith and Ramirez

1250 Connecticut Ave NW, #200

Washington, D.C. 20036

-2603

(202) 595-1444 x2

Application: 10/792,029 Attorney docket: GE.0002

Title: Systems, methods and apparatus for preparation,

delivery and monitoring of radiopharmaceuticals

Filing date: March 2, 2004

Art Unit: 2624

Examiner: Helene Catherine Bor

Mail Stop Amendment Commissioner of Patents

P.O. Box 1450

Washington, D.C. 22313-1450

Application: 10/792,029 Attorney Michael G. Smith

Response to Nonfinal Office Action

AMENDMENTS

In the Drawings

In accordance with the Office Action on pages 2-3 and 37 CFR 1.121(d),

Replacement Sheets are provided.

Replacement Sheets 1 and 5 remedy the objections of the Office Action. The

amended sheets are labeled "REPLACEMENT SHEET." The Replacement Sheets

contain no new matter.

In the Specification

Please replace page 1 col. 9-10 of the specification as follows:

This application is related to copending U.S. Application

Serial Number 10/792,683, filed March 2, 2004 entitled

"Systems, methods and apparatus for infusion of radiopharmaceuticals."

In page 9 line 28 of the specification, please change "cyclotron 120" to "cyclotron

101."

In the Claims

Marked Up Version Of The Pending Claims under 37 C.F.R. 1.121(c)(1)(ii):

In accordance with 37 C.F.R. 1.121(c)(1)(ii), the Applicant submits the

following marked up version only for claims being changed by the current

amendment, wherein the markings are shown by strikethrough (for deleted matter)

and/or underlining (for added matter):

1. (currently amended) An apparatus comprising:

Application: 10/792,029

Attorney Michael G. Smith

Page 2 of 49